

ABSTRACT OF THE DISCLOSURE

**APPARATUS AND METHOD FOR DELETION OF OBJECTS FROM AN
5 OBJECT-RELATIONAL SYSTEM IN A CUSTOMIZABLE AND DATABASE
INDEPENDENT MANNER**

An apparatus and method for deleting objects from an
object-relational system in a customizable and database
10 independent manner. The apparatus and method provide a
customizable and database independent mechanism for the
deletion of object data from a relational database. The
method implemented by the apparatus determines the
dependency structure of a relational database using
15 database metadata. The dependency structure is then
utilized to determine the type of deletion to be
performed on data representations of the object and its
related objects, i.e., parent or child objects. The
deletion actions include cascade deletion and nullify
20 columns deletion. Appropriate SQL statements are then
automatically generated at run-time to perform the
deletion of the object data from the relational database.